R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2980	038	02	25	76	27AA	3647	7531

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0009	09	09	11	053	Y	SW	15

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
3	CL	SA	E	FT	16'1	—	11	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00090	—	—	—

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3H5			PO	DO
START	36°47'	75°31'	2019	3037	9		1036	1037
							PU	ON
FINISH	36°45'	75°30'	2005	3033	10		1107	1110

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1200/2/5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

46 blueback herring

27AA

R/V DAN MOORE SPECIES LIST

STA. NO. 2980 DATE Feb 25 19 76 BIOLOGISTS BFH JV SGK

TOT. CATCH WT. 90 AIR 11 SURFACE 8.6 BOTTOM 8.8

SAMPLE WT. 90 RAISING FACTOR 0

38
40

		SUBSAMPLE		TOTAL			
SPECIES	C or NC	NUMBER	WEIGHT	NO.	WT.	X WT	REMARKS
Scomber scombrus				80	78	1.0	
Alosa aestivalis				46	12	0.3	

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: A. pastivalis

DATE: 2/25/76

STATION: 2980

LOCALITY: 27AA

T.L.	♂	♀	Unk		T.L.	♂	♀	Unk
50-59.9					550-			
60-					560-			
70-					570-			
80-					580-			
90-					590-			
100-					600-			
110-					610-			
120-					620-			
130-					630-			
140-					640-			
150-					650-			
160-					660-			
170-					670-			
180-					680-			
190-					690-			
200-	4	2			700-			
210-	7	16						
220-	3	1						
230-	4	5			TOTAL	18	28	
240-		2						
250-		1						
260-						N=46		
270-								
280-		1						
290-						Range ♂ 200-237		
300-								
310-								
320-							♀ 201-283	
330-								
340-								
350-								
360-								
370								
380-								
390-								
400-								
410-								
420-								
430-								
440-								
450-								
460-								
470-								
480-								
490-								
500-								
510-								
520								
530-								
540-								

Species. Alosa aestivalis

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Scale-cards	Age	Gonad Stage	Station Number	Remarks
1546	83	UNK						Im	2972	
47	84	"						"		
48	76	"						"		
49	89	"						"		
50	85	"						"		
51	86	"						"		
52	81	"						"		
53	78	"						"		
54	84	"						"		
55	81	"						"		
56	95	"						"		
57	75	"						"		
58	82	"						"		
59	95	"						"		
60	85	"						"		
61	81	"						"		
62	85	"						"		
63	86	"						"		
64	85	"						"		
65	84	"						"		
66	78	"						"		
67	81	"						"		
68	86	"						"		
69	134	♂						Im	2976	
70	198	♂						Im		
71	109	♀						Im		
72	115	UNK						Im		
73	110	♀						Im		
74	111	UNK						Im		
75	103	♀						Im		
76	96	UNK						Im		
77	95	UNK						Im		
78	108	UNK						Im		
79	94	UNK						Im		
80	183	♀						Im	2978	
81	181	♀						Im		
82	165	♀						Im		
83	171	♂						Im		
84	172	♂						Im		
85	175	♂						Im		
86	156	♂						Im		
87	161	♂						Im		
88	178	♀						Im		
89	237	♀						I	2980	
90	211	♀						I		
91	239	♀						I		
92	235	♀						I		
93	208	♂						Im		
94	207	♀						I		
95	210	♀						I		

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Species. *Alosa aestivalis* 10

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
1596	210	♀							I	2880
1597	213	♂							I	
98	216	♀							I	
99	212	♂								
1600	215	♀							I	

4

Species: Alosa aestivalis

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Scale-circ.	Age	Gonad Stage	Station Number	Remarks
1601	236	♂								2980
2	233	♂								
3	236	♀							I	
4	200	♂							Im	
5	218	♀							I	
6	223	♂							Im	
7	210	♂							Im	
8	215	♂								
9	223	♂								
10	256	♀							I	
11	240	♀							I	
12	237	♂								
13	213	♂							Im	
14	238	♀							I	
15	201	♀							Im	
16	213	♀							Im	
17	244	♀							I	
18	200	♂							Im	
19	216	♀							Im	
20	210	♀							I	
21	218	♀							I	
22	215	♀							I	
23	218	♀							Im	
24	216	♀							I	
25	215	♀							Im	
26	283	♀							II	
27	210	♀							I	
28	214	♀							I	
29	220	♀							I	
30	238	♂								
31	220	♂							Im	
32	217	♂							Im	
33	214	♂							Im	
34	200	♂							Im	
35	258	♀						III	2981	
36	250	♀						II		
37	247	♀						II		
38	255	♀						III		
39	238	♀						II		
40	274	♀						III		
41	257	♀						II		
42	245	♀						II		
43	243	♀						II		
44	236	♂								
45	258	♀						II		
46	258	♂								
47	251	♀						II		
48	243	♂								
49	246	♂								
50	265	♀						II		

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: S. acombrus | STATION: 2920

DATE: 2/25/76 | LOCALITY: 27AA

T.L.	♂	♀	Unk		T.L.	♂	♀	Unk	
50-59.9					550-				
60-					560-				
70-					570-				
80-					580-				
90-					590-				
100-					600-				
110-					610-				
120-					620-				
130-					630-				
140-					640-				
150-					650-				
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-					700-				
210-									
220-									
230-					TOTAL	18	22	40	
240-									
250-	1								
260-									
270-			1						
280-	1	1							
290-									
300-									
310-	1		3						
320-	1	2	2						
330-	2	2	3						
340-	2	4	13						
350-	6	5	7						
360-	2	4	5						
370	2	3	3						
380-		1	1						
390-			2						
400-									
410-									
420-									
430-									
440-									
450-									
460-									
470-									
480-									
490-									
500-									
510-									
520									
530-									
540-									

Species: Scorpaena scrofa

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
1	323	♂							2980	
2	356	♀						III		80 total
3	357	♀						V		
4	364	♂								
5	353	♀						V		
6	354	♂								
7	373	♀						III		
8	342	♀						III		
9	352	♂								
10	370	♂								
11	378	♂								
12	354	♀						V		
13	346	♀						V		
14	327	♀						V		
15	283	♂								
16	330	♀						I		
17	360	♀						V		
18	366	♀						III		
19	355	♂								
20	348	♀						IV		
21	356	♂								
22	357	♂								
23	358	♀						III		
24	349	♂								
25	364	♀						III		
26	258	♂						IM		
27	370	♀						III		
28	386	♀						III		
29	335	♂								
30	315	♂								
31	341	♀						III		
32	280	♀						IM		
33	338	♀						V		
34	323	♀						V		
35	379	♀						IV		
36	353	♂								
37	361	♂								
38	332	♂								
39	360	♀						V		
40	345	♂								
41	355									
42	376									
43	363									
44	344									
45	358									
46	351									
47	343									
48	342									
49	326									
50	348									

Species: Scomber scombrus

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc	Age	Gonad Stage	Station Number	Remarks
51	340									
52	341									
53	325									
54	344									
55	365									
56	355									
57	371									
58	363									
59	340									
60	352									
61	392									
62	371									
63	338									
64	383									
65	348									
66	271									
67	312									
68	366									
69	314									
70	355									
71	341									
72	340									
73	310									
74	393									
75	347									
76	352									
77	360									
78	337									
79	336									
80	340									

278